

Objective 17: Reduce hospital emergency department visits due to asthma

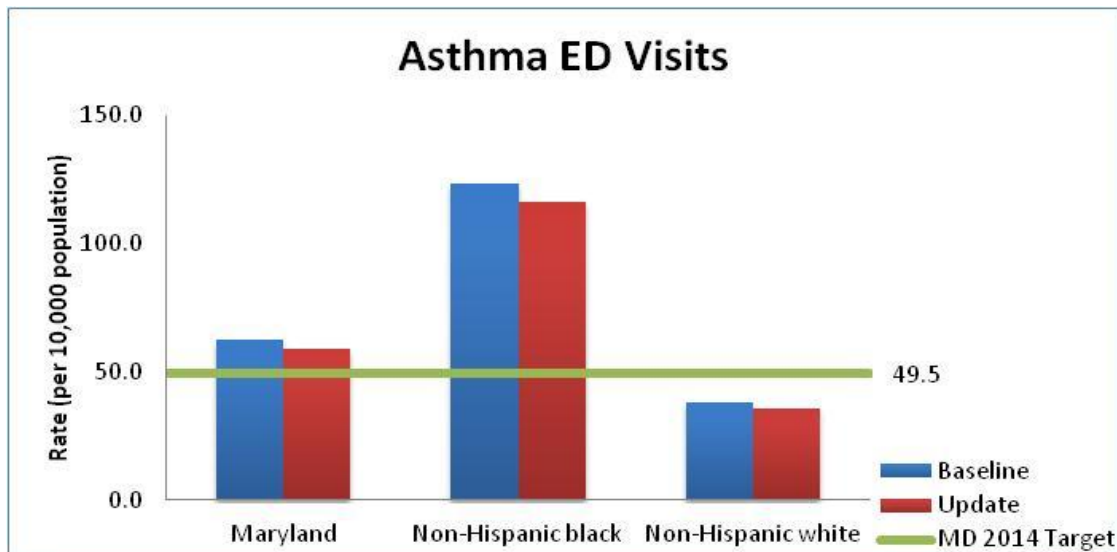
Asthma is a chronic health condition which causes very serious breathing problems. When properly controlled through close outpatient medical supervision, individuals and families can manage their asthma without costly emergency intervention. In Maryland, there are nearly 50,000 emergency department visit related to asthma each year.



Update Summary: On track or meeting the Maryland 2014 Target

Statistics and Goals

Measure: Rate of emergency department visits due to asthma (per 100,000 population)



Data Source: Maryland Health Services Cost Review Commission (HSCRC)

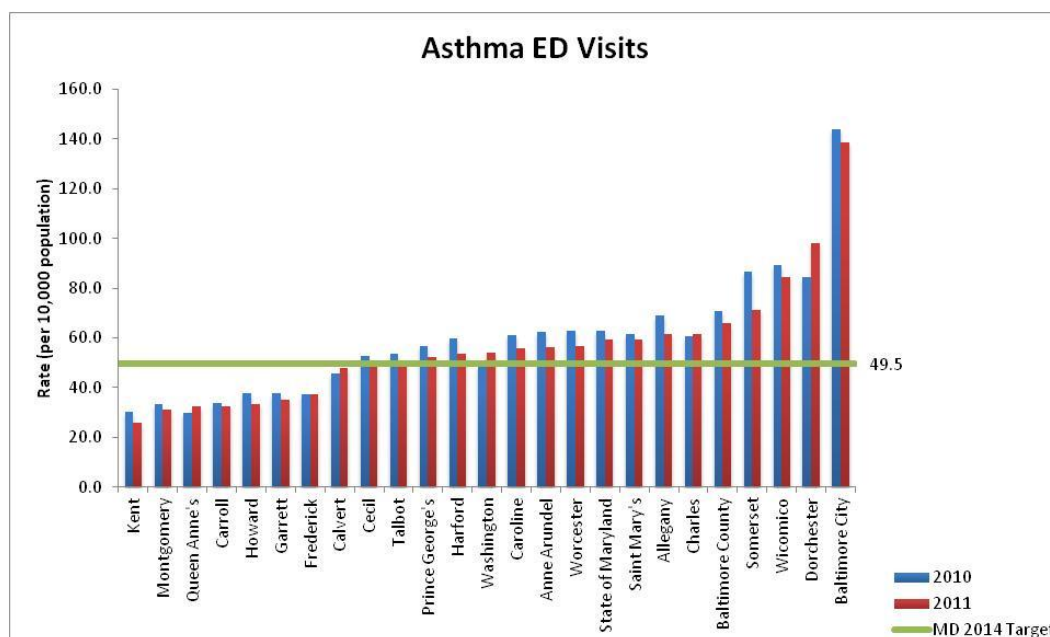
IMPORTANT: For the year 2 update, additional research was conducted and improvements were made in requesting, analyzing and displaying the hospital data. The updated 2010 figures and rates were used for the baseline, therefore they do not match the figures originally displayed for 2010.

Maryland SHIP	Year	Total	NH Black	NH White	SHIP 2014 Target
Baseline	2010	62.8	123.1	37.9	49.5
Update	2011	59.1	116.3	35.9	

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Local-Level Data

Measure: Rate of emergency department visits due to asthma (per 10,000 population)



Data Source: Maryland Health Services Cost Review Commission (HSCRC)

Note: Data are coded by patient's county of residence. Only visits made by Maryland residents to Maryland hospitals were used for the analysis; emergency department visits made to hospitals outside of Maryland were not included.

County	2010	2011
State of Maryland	62.8	59.1
Allegany	68.9	61.6
Anne Arundel	62.5	56.1
Baltimore City	143.8	138.4
Baltimore County	70.9	66.1
Calvert	45.5	48.1
Caroline	61.1	55.8
Carroll	33.9	32.6
Cecil	52.8	50.1
Charles	60.7	61.6
Dorchester	84.3	98.0
Frederick	37.4	37.5
Garrett	37.9	35.3
Harford	59.8	53.4
Howard	37.7	33.2
Kent	30.2	25.7
Montgomery	33.1	31.3
Prince George's	56.6	52.3
Queen Anne's	29.9	32.3

County	2010	2011
Saint Mary's	61.6	59.3
Somerset	86.5	71.0
Talbot	53.7	51.0
Washington	48.7	54.2
Wicomico	89.4	84.5
Worcester	62.8	56.7

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Data Details	
<u>National Data</u>	
Source	---
Year	---
<u>Maryland Data</u>	
Source	Maryland Health Services Cost Review Commission (HSCRC), Research Level Statewide Inpatient and Outpatient Data Files
Year	
Baseline	2010
Update	2011
Calculation	
Numerator	Number of inpatient and outpatient emergency department visits for which the primary diagnosis was coded as 493.xx
Denominator	Number of persons (population)
Population source	Maryland Department of Planning (MDP)
Single year method	$(x/y) * 100,000$
Combined year method	---
<u>Notes</u>	
Race/ethnicity	Non-Hispanic Asians, non-Hispanic blacks, Hispanics, non-Hispanic whites
Censoring	Rates not reported where the number of ED visits was less than 20.
Origin	Research level data files were obtained from the Maryland Health Services Cost Review Commission in August 2012 using a data request form.
Other	IMPORTANT: Only visits made by Maryland residents to Maryland hospitals were used for the analysis; emergency department visits made by Maryland residents to out-of-state hospitals were not included. Data are coded by patient's county of residence.